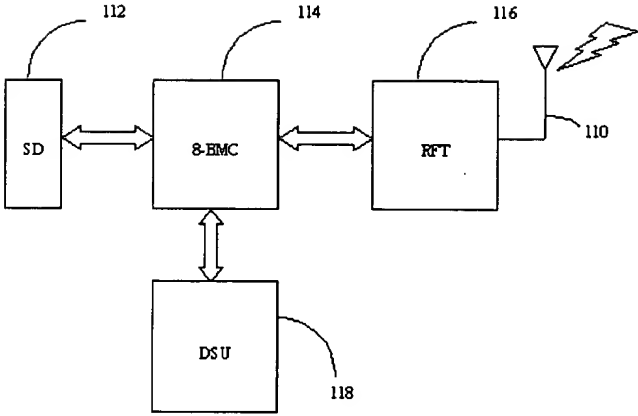


## Figures

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1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as  $\epsilon \rightarrow 0$ . It is shown that the solutions of the system (1) converge to the solutions of the system (2) as  $\epsilon \rightarrow 0$ .



**Fig 1**

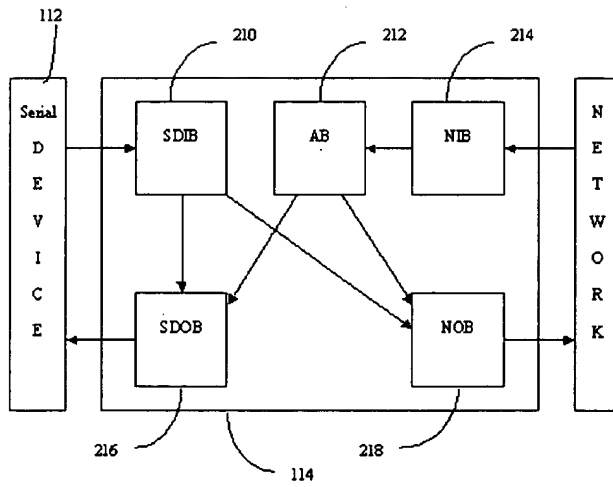


Fig 2

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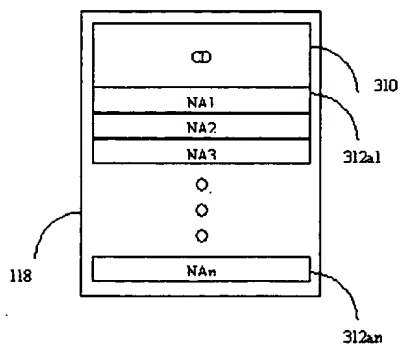


Fig 3

Patented by the U.S. Patent and Trademark Office

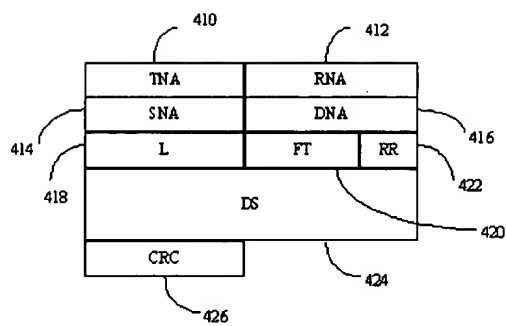


Fig 4

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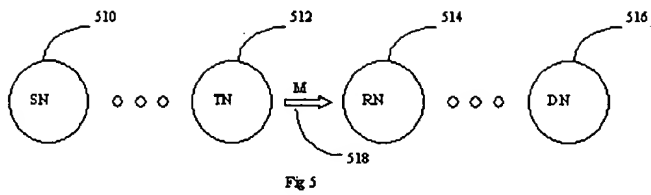


Fig 5

Patent 20030360

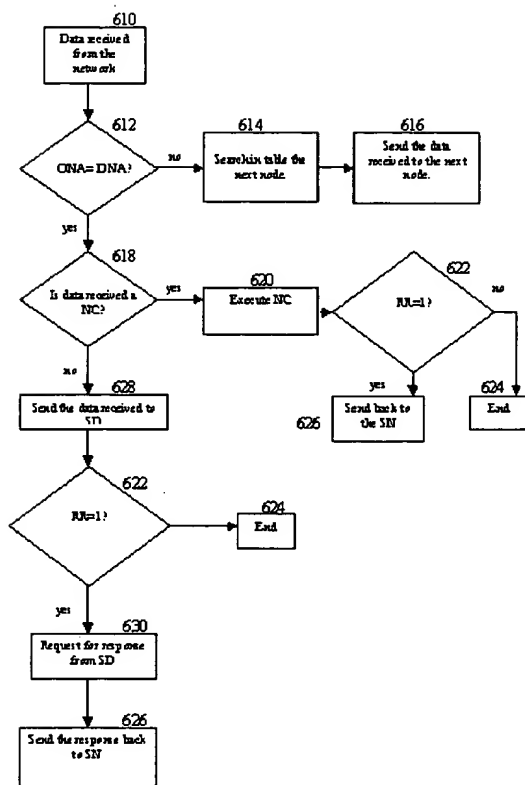


Fig 6